

Docket No.: 8830-120 (177304) (formerly MUR-8577)  
Appl. No.: 09/931,552  
Communication

**Amendments to the Specification**

On page 2, please replace the paragraph numbered [0003] in the published version of the application (which spans lines 13-27 of the originally filed application) with the following:

[0003] Geological formation data are commonly gathered by gamma logging, i.e. by a procedure in which the intensity of detected gamma radiation is utilised to deduce geological properties. (While the source of gamma radiation may be naturally occurring radioisotopes more or less distributed throughout surrounding geological formations, a more usual source of gamma radiation is a manufactured gamma source (e.g., a compact mass of cobalt-60) emplaced at a fixed or controllably variable depth in an adjacent well such that the ~~gamma source radiates through the geological formations between the~~ gamma source radiates through the geological formations between the gamma source and a gamma detector in the production well being drilled).